INDUSTRY
SOLUTIONS.

Material
Solutions.

CHT
SMART CHEMISTRY
WITH CHARACTER.

ALPA-LSR 550201 AND ALPA-LSR 550202 FOR LASER MARKING

PERMANENT LASER MARKING
ON FINISHED COMPONENTS

MARKING, ENCODING AND LABELLING

09/2019

Industrial marking systems
Product marking is getting more and more important, no matter if the storability, lot numbers, origin, traceability or a clear identification of products is required.

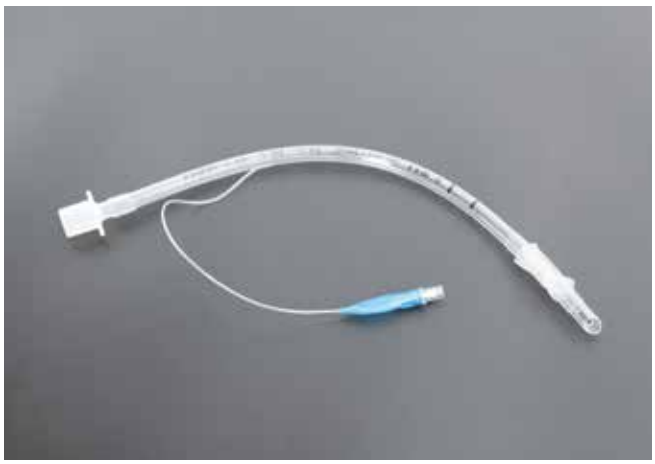
Thanks to their unique processing properties LSR is suited for numerous industrial fields and most versatile application fields. Due to the low compression set ALPA-LSR is the ideal material for creating complex shapes.

Our products ALPA-LSR 550201 and ALPA-LSR 550202 were especially developed to facilitate a permanent laser marking on the final component. A forgery-proof, clear print is guaranteed which is resistant to abrasion and to environmental impact. Samples are available at our stand.

Afterwards, you can also have them individually laser-marked at the stand of our partner REA Elektronik GmbH (Hall 4/A 08) and see for yourself how impressively fast this marking process is.

ALPA-LSR 550201 and ALPA-LSR 550202: strong additional functions

- Forgery-proof
- Scratch-resistant
- No abrasion after a certain time or mechanical stress
- Print is resistant to environmental impact & chemicals
- Certified according to BfR & FDA
- Various laser markings are possible



CHT LSR technology: convincing performance

- High dimensional stability
- High temperature resistance (- 50 up to + 200 °C)
- High UV-resistance and resistance to weathering
- High ozone resistance
- Very good mechanical properties
- Moulds with complex shapes are possible
- Effective production of high quantities through short cycle times
- Suited for food contact (complying with BfR & FDA)

Benefits of the process

- Permanent marking without subsequent cost
- Increased print flexibility
- High printing speeds
- Intensive contrasts
- Laser device can be easily and quickly installed downstream of the injection-moulding process (fully automatically)

In cooperation with:
REA JET

Do you have any questions? Just give us a call or send us an email: material@cht.com

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